

**REMARKS/ARGUMENTS**

After the foregoing amendments, claims 10-14, 16-23 and 25-27 are currently pending in this application. Claims 1-5, 7-9 and 28-31 have been canceled without prejudice or disclaimer. The title of the specification has been amended. The Applicants submit that no new matter has been introduced into the application by these amendments.

Claims 10 and 19 have been amended to further include the features of the insertion phase variation compensation module and the LUT, as illustrated by Figure 2 of the instant specification. The Applicants submit that the prior art of record fails to teach or suggest all of the claim limitations therein, and thus claims 10 and 19 are allowable. Furthermore, the Applicants submit that claims 11-14, 16-18, 20-23 and 25-27 are also allowable since they depend upon allowable claims 10 and 19, respectively.

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

**Applicant:** Demir et al.  
**Application No.:** 10/736,432

In view of the foregoing Amendment and remarks, the Applicants respectfully submit that the present application, including claims 10-14, 16-23 and 25-27, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Demir et al.

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